

WHAT IS CLAIMED IS:

- 1 1. A mobile terminal device having an antenna portion,
2 wherein the antenna portion comprising:
3 a tip portion located outside a casing of the mobile
4 terminal device; and
5 a switch unit controlling an operation of the mobile
6 terminal device.
- 1 2. The mobile terminal device according to claim 1,
2 wherein the switch unit is operated by operating the tip
3 portion, and the mobile terminal device performs a predetermined
4 operation.
- 1 3. The mobile terminal device according to claim 2,
2 wherein the switch unit includes at least one of a
3 depression switch and a rotation switch.
- 1 4. The mobile terminal device according to claim 3,
2 wherein the depression switch is operated by pressing a
3 tip portion thereof, and
4 the rotation switch is operated by rotating a tip portion
5 thereof.
- 1 5. The mobile terminal device according to claim 2,
2 wherein respective operation modes of the tip portion
3 correspond to respective operations of the mobile terminal
4 device.

1 6. The mobile terminal device according to claim 5,
2 wherein the operation modes of the tip portion, in which
3 the mobile terminal device is operated, are changeable.

1 7. The mobile terminal device according to claim 5,
2 wherein the mobile terminal device outputs an alarm signal
3 in accordance with a predetermined operation mode of the tip
4 portion.

1 8. The mobile terminal device according to claim 7,
2 wherein the alarm signal is a sound wave signal.

1 9. The mobile terminal device according to claim 7,
2 wherein the alarm signal is a radio wave signal.

1 10. The mobile terminal device according to claim 9,
2 wherein the mobile terminal device sends an alarm signal
3 including at least one of a current position of the mobile terminal
4 device and a predetermined message to at least any of a police
5 station and a rescue center.

1 11. The mobile terminal device according to claim 2, further
2 comprising a display unit,
3 wherein the display unit displays an operation item of
4 the mobile terminal device in accordance with a predetermined
5 operation mode of the tip portion of the antenna portion.

1 12. The mobile terminal device according to claim 11,

2 wherein the mobile terminal device includes first and
3 second casings connected to each other by a hinge portion, and
4 the display unit can be viewed from an outside in a state
5 where the first and second casings are folded.

1 13. The mobile terminal device according to claim 1, further
2 comprising: a first battery holder for a first battery and a
3 second battery holder for a second battery,
4 wherein the mobile terminal device is operated by the
5 second battery in a case where the first battery is lost.

1 14. The mobile terminal device according to claim 3,
2 wherein the rotation switch includes a permanent magnet
3 magnetized in a predetermined direction, and a search coil.

1 15. The mobile terminal device according to claim 3,
2 wherein the rotation switch includes a reflection plate,
3 a light-emitting element emitting light onto the reflection plate,
4 and a photodetection element receiving reflected light from the
5 reflection plate.